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## Sertifikaat

REPUBLIC VAN SUID-AFRIKA

## Certificate

PATENTKANTOOR

PATENT OFFICE

DEPARTEMENT VAN HANDEL  
EN NYWERHEID

REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF TRADE  
AND INDUSTRY

REC'D 13 OCT 2000

WIPO

PCT

Hiermee word gesertifiseer dat

This is to certify that the documents annexed hereto are true copies of:

Application forms P.1 and P.3, provisional specification and drawings of South African Patent Application No. 99/6164 as originally filed in the Republic of South Africa on 28 September 1999 in the name of COBB FRY-BRAAI (PROPRIETARY) LIMITED for an invention entitled: "COBB BARBEQUE STOVE ROASTER COMBINATION";

AND it is further certified that Patent Application No. 99/6164 and the invention forming the subject matter of the patent application, together with all priority rights flowing from the patent application under the provisions of the International Convention were duly assigned in accordance with law from COBB FRY-BRAAI (PROPRIETARY) LIMITED to COBB INTERNATIONAL LIMITED by virtue of Deed of Assignment concluded on 31 May 2000 which Deed of Assignment was duly recorded at the South African Patent Office on 2 June 2000.

REC'D 13 OCT 2000

WIPO

PCT

Geteken te  
Signed at PRETORIAin die Republiek van Suid-Afrika, hierdie  
in the Republic of South Africa, this5th dag van  
day of

October 2000

PRIORITY  
DOCUMENTSUBMITTED OR TRANSMITTED IN  
COMPLIANCE WITH RULE 17.1(a) OR (b)

  
 Registrateur van Patente  
 Registrar of Patents

## APPLICATION FOR A PATENT AND ACKNOWLEDGEMENT OF RECEIPT

[Section 30 (1) - Regulation 22]  
(See notes overleaf)

The grant of a patent is hereby requested by the undermentioned applicant on the basis of

(i)

Applicant

Official application No.	
21	01
996164	

(ii)

71	Full name(s) of applicant(s) .....
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(iii)

	Address(es) of applicant(s) .....
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(iv)

54	Title of invention
----	--------------------

(v)

	The applicant claims priority as set out on the accompanying form P 2
--	---

(vi)

	This application is for a patent of addition to Patent Application No.
--	--

21	01
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(vii)

	This application is a fresh application in terms of section 37 and based on Application No.
--	---

21	01
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(viii)

	This application is accompanied by:
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	1.	A single copy of a provisional or two copies of a complete specification of .....pages.
	2.	Drawings of .....sheets.
	3.	Publication particulars and abstract (form P 8 in duplicate).
	4.	A copy of Figure .....of the drawings (if any) for the abstract.
	5.	An assignment of invention.
	6.	Certified priority document(s) (state number).
	7.	Translation of the priority document(s).
	8.	An assignment of priority rights.
	9.	A copy of the form P 2 and the specification of S.A. Patent Application No.
	10.	A declaration and power of attorney on form P 3.
	11.	Request for ante-dating on form P 4.
	12.	Request for classification on form P 9.
	13.	

(ix)

74	Address for service: P.O. Box 95193 Waterkloof 0145
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Dated this

28<sup>th</sup>

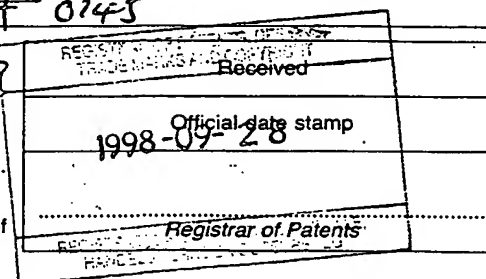
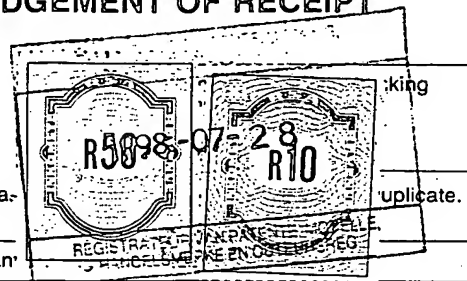
day of

September

1998

Signature of applicant(s) or agent

The duplicate will be returned to the applicant's address for service as proof of lodging but is not valid unless endorsed with official stamp



REPUBLIC OF SOUTH AFRICA  
PATENTS ACT, 1978  
DECLARATION AND POWER OF ATTORNEY  
(Section 30 - Regulation 8, 22(i)(c) and 33)

FORM P.3

PATENT APPLICATION NO		
21	01	996164

REF:

LODGING DATE	
22	1999-09-28

FULL NAME(S) OF APPLICANT(S)	
71	Cobb Fry Braai (Pty) Ltd

FULL NAME(S) OF INVENTOR(S)	
72	Kenneth Michael Hall

EARLIEST PRIORITY CLAIMED	COUNTRY	NUMBER	DATE
	33	31	32

NOTE: The country must be indicated by its International Abbreviation - see schedule 4 of the Regulations

TITLE OF INVENTION	
54	Cobb Barbeque Stove Roaster Combination

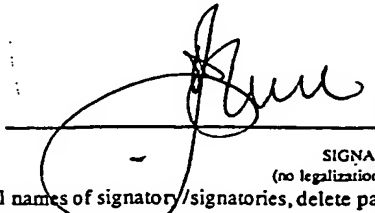
\* I/We Daniel Jacobus Louis Nel

hereby declare that :-

- \* 1. I/we am/are the applicant(s) mentioned above;
- \*\* 2. I/we have been authorized by the applicant(s) to make this declaration and have knowledge of the facts herein stated in the capacity of Director of the applicant(s);
- \*\*\* 3. the inventor(s) of the abovementioned invention is/are the person(s) named above and the applicant(s) has/have acquired the right to apply by virtue of an assignment from the inventor(s);
- 4. to the best of my/our knowledge and belief, if a patent is granted on the application, there will be no lawful ground for the revocation of the patent;
- \*\*\*\* 5. ~~this is a convention application and the earliest application from which priority is claimed as set out above is the first application in a convention country in respect of the invention claimed in any of the claims; and~~
- 6. the partners and qualified staff of the firm of , patent attorneys, are authorised, jointly and severally, with powers of substitution and revocation, to represent the applicant(s) in this application and to be the address for service of the applicant(s) while the application is pending and after a patent has been granted on the application.

SIGNED AT Pretoria THIS 28<sup>th</sup> DAY OF September 1999

19

  
D.J.L. NEL

SIGNATURE(S)  
(no legalization necessary)

- \* In the case of application in the name of a company, partnership or firm, give full names of signatory/signatories, delete paragraph 1, and enter capacity of each signatory in paragraph 2.
- \*\* If the applicant is a natural person, delete paragraph 2.
- \*\*\* If the right to apply is not by virtue of an assignment from the inventor(s), delete "an assignment from the inventor(s)" and give details of acquisition of right.
- \*\*\*\* For non-convention applications, delete paragraph 5.

Ref No:

FORM P5

REPUBLIC OF SOUTH AFRICA  
Patents Act, 1978

PROVISIONAL SPECIFICATION  
(Section 30 (1) - Regulation 27)

21	01	OFFICIAL APPLICATION NO
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996164

22	LODGING DATE
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1999 -09- 2 8

71	FULL NAME(S) OF APPLICANT(S)
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~~Cobb Fry Braai (Pty) Ltd~~  
Cobb International Ltd 2-6-2000

72	FULL NAME(S) OF INVENTOR(S)
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Kenneth Michael Hall

54	TITLE OF INVENTION
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Cobb Barbeque Stove Roaster Combination

**COBB FRY-BRAAI (PTY) LTD****PATENT DESCRIPTION OF THE COBB FRY-BRAAI****Purpose of Design**

The Cobb Fry-Braai is a barbecue, stove and roaster combination product. The fundamental purpose of this design is to ensure that the maximum amount of heat generated is directed to the barbecuing, roasting and cooking process. This is achieved by –

- 1 the insulation of the walls and base of the unit in a unique manner; and
- 2 the way the air is drawn into the unit and guided through the fire chamber to the cooking grid.

As a result, the exterior of the product remains cool to the touch whilst the unit is operational. All the components of the product have been specifically chosen to reduce corrosion to the minimum and reduce the product's weight. In addition to its light-weight and high insulation properties, it further allows for minimum energy to be used to achieve maximum efficiency and safety.

**Product Description**

The Cobb Fry-Braai comprises of the following components:

- 1 ***Aluminium dome***

The anodised aluminium dome is 1 mm thick with a high temperature plastic handle, with 3 ventilation holes surrounding the handle. Each hole is 15 mm in diameter.

- 2 ***The Base***

The cylindrical base consists of an ABS plastic outer case of 2,5 mm in thickness, and this is broken up in 2 parts:

2.1 The top sleeve is 320 mm in diameter with a vertical height of 125 mm.

2.2 The top sleeve is supported by an auxiliary base of 300 mm in diameter and 35 mm in height.

This auxiliary base has 3 mouldings, which hold the upper sleeve in place, and each moulding has one rubber foot attached to it. The auxiliary base and the 3 mouldings are plastic injected in ABS as one unit. The top sleeve and auxiliary base have a gap of 3 mm between them, allowing for induction airflow. The top sleeve and auxiliary base are attached to each other by means of 3 aluminium pop rivets. The auxiliary base is filled with a high-insulation material which could consist of a perlite cement mix or a vermiculite cement mix.

## **Internal Construction**

The internal structure consists of aluminium or stainless steel components made up as follows:

### **1 *Internal Dish***

The aluminium internal dish is connected to the outside ABS plastic sleeve by means of a high-temperature resistant plastic ring, both at the top and the bottom of the disk. In between the aluminium dish and the ABS plastic sleeve is a gap of between 25 mm at the top and 40 mm at the bottom. This cavity is filled with a high-insulation material, which could consist of glass fibre wool, ceramic wool, a perlite cement mix or vermiculite cement mix. The internal dish has 15 ventilation holes punched in its base, of 15 mm diameter each. These holes are in a 170 mm diameter circular formation. The top high-temperature plastic ring is secured by means of a pressure-fit, and the bottom ring secured by 3 aluminium pop rivets.

### **2 *Fire Chamber***

The stainless steel fire chamber consists of a 170 mm diameter dish of 35 mm in height and 1,5 mm thickness. The dish has a series of approximately 60 holes punched into its base, of 10 mm in diameter. The legs of the fire chamber, which also act as a support for a cooking pot, are spot welded onto the fire chamber, and there are three of



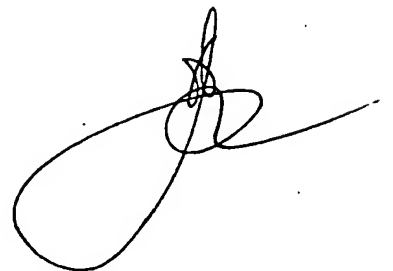
them at 70 mm in height. The fire chamber is supported inside the internal dish by an aluminium ring. This ring has a dual purpose:

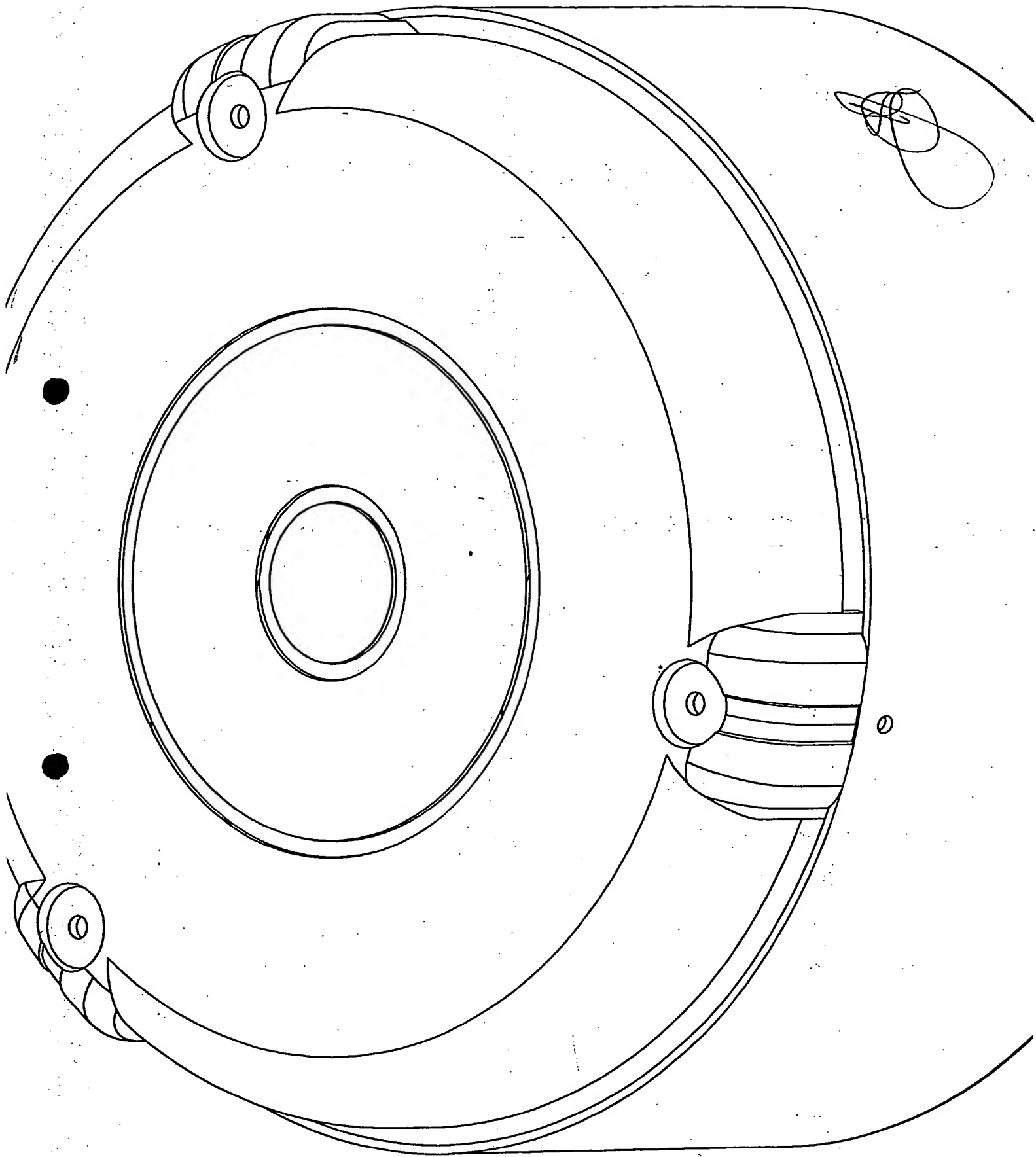
2.1 By its conical shape, it prevents fat from dripping during the cooking process into the induction ventilation holes in the internal dish.

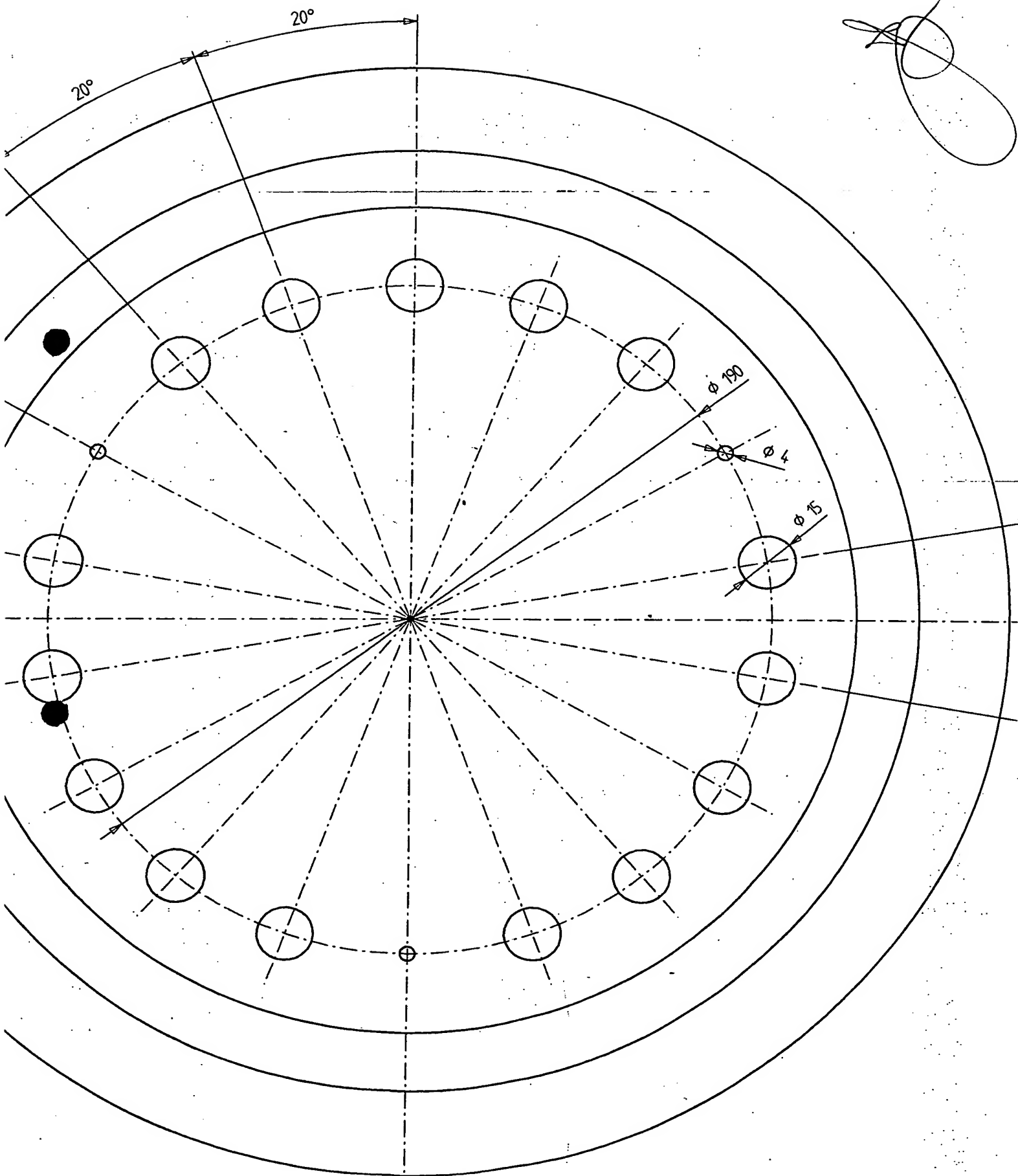
2.2 It guides the air being absorbed through the induction holes in the internal dish, through the base of the fire chamber.

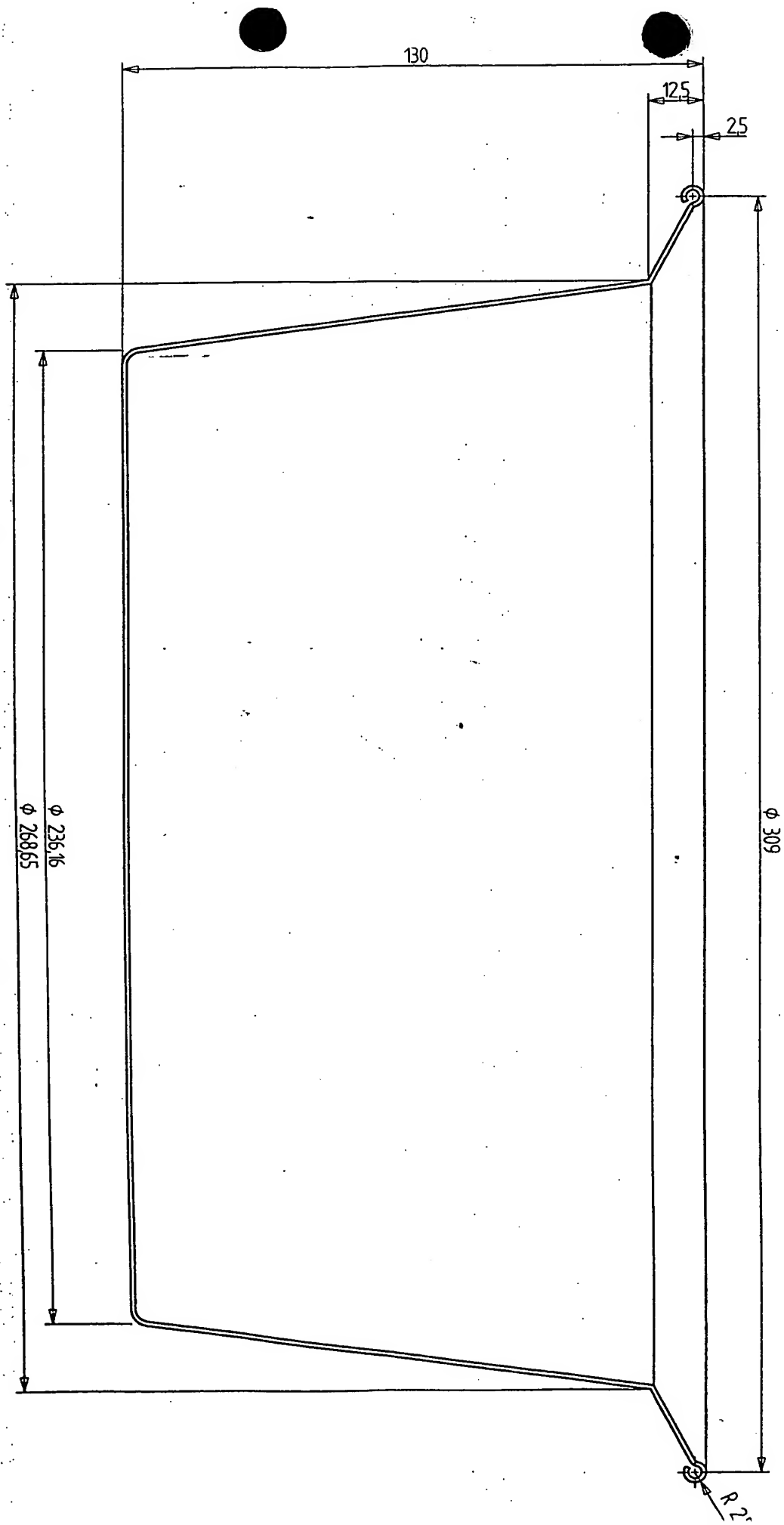
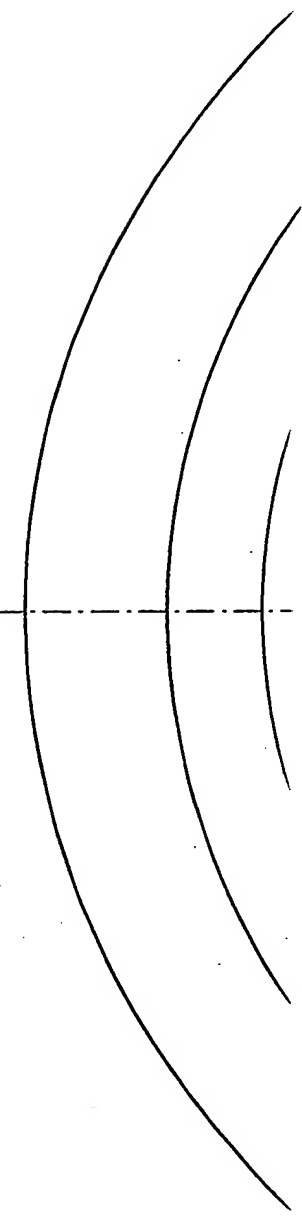
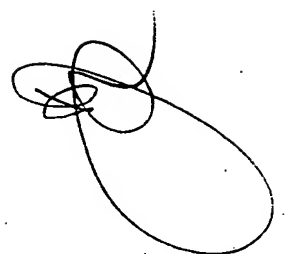
### 3 *Barbecue Grid*

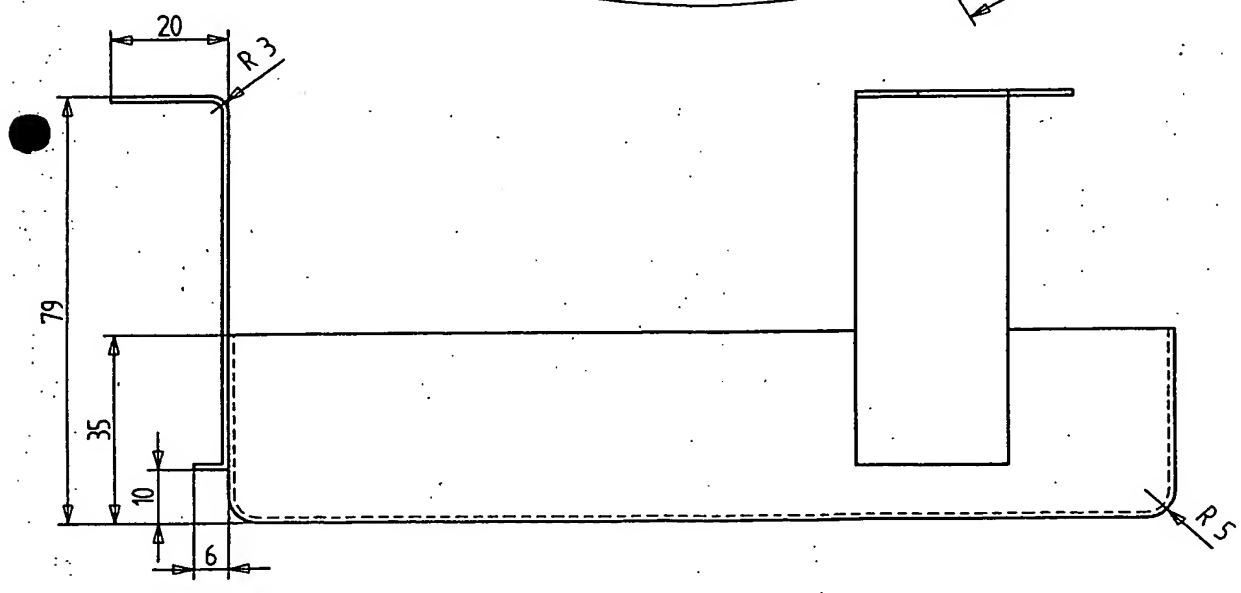
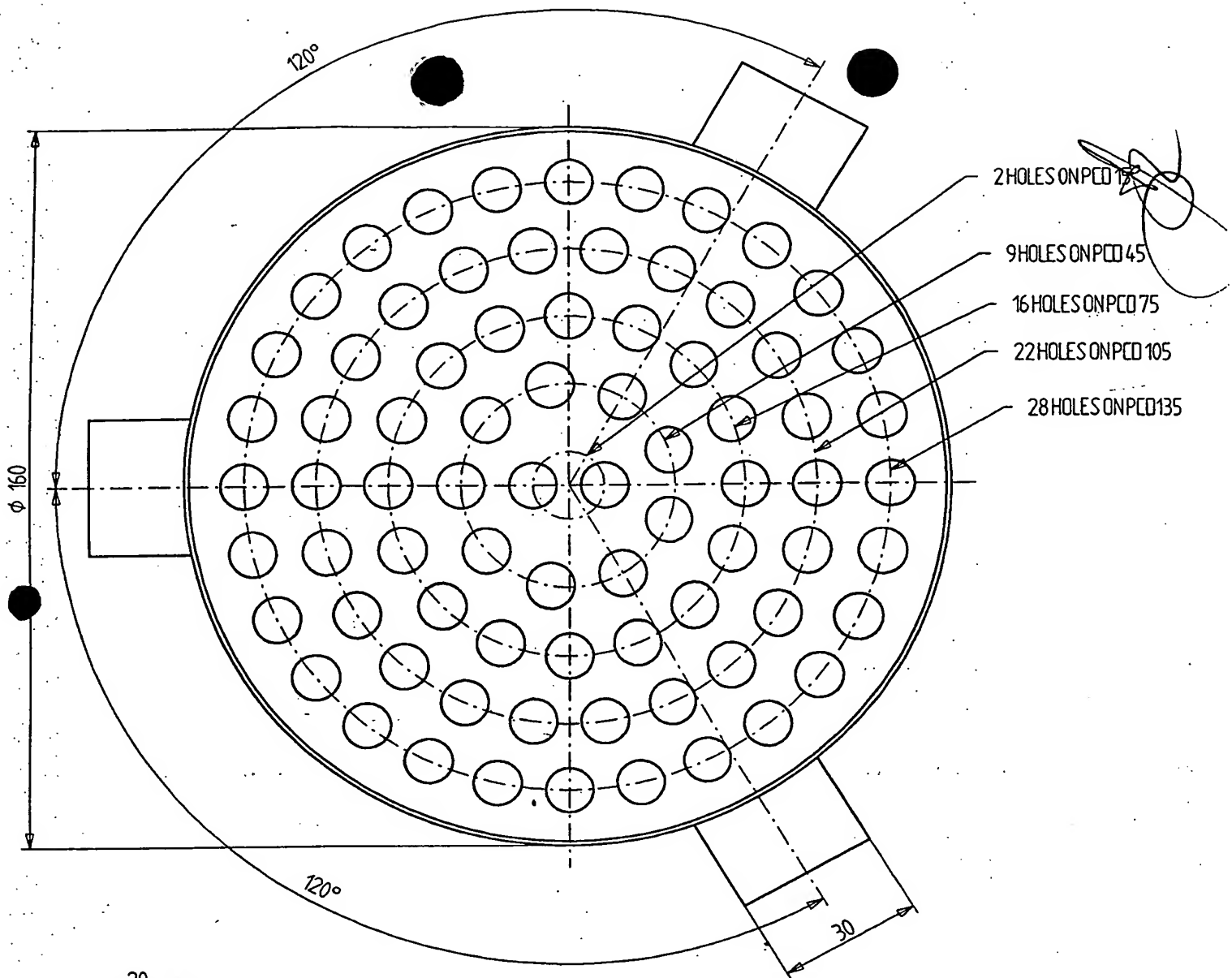
The circular stainless steel grid is 1 to 1,5 mm thick, and 290 mm in diameter. Pressed into the circular grid is a 5 mm 3-star shaped impression, which has a dual purpose: Firstly reinforcing the disk and secondly allowing for fat run-off. This disk is perforated with holes of 5 mm in diameter on the inside and 10 mm diameter on the circumference. The 5 mm holes have been specifically chosen to prevent flames from penetrating the surface of the grid. The centre of the grid has not been perforated to a diameter of 70 mm, thereby adding to its strength. The outer 10 mm holes are to allow for extra ventilation.

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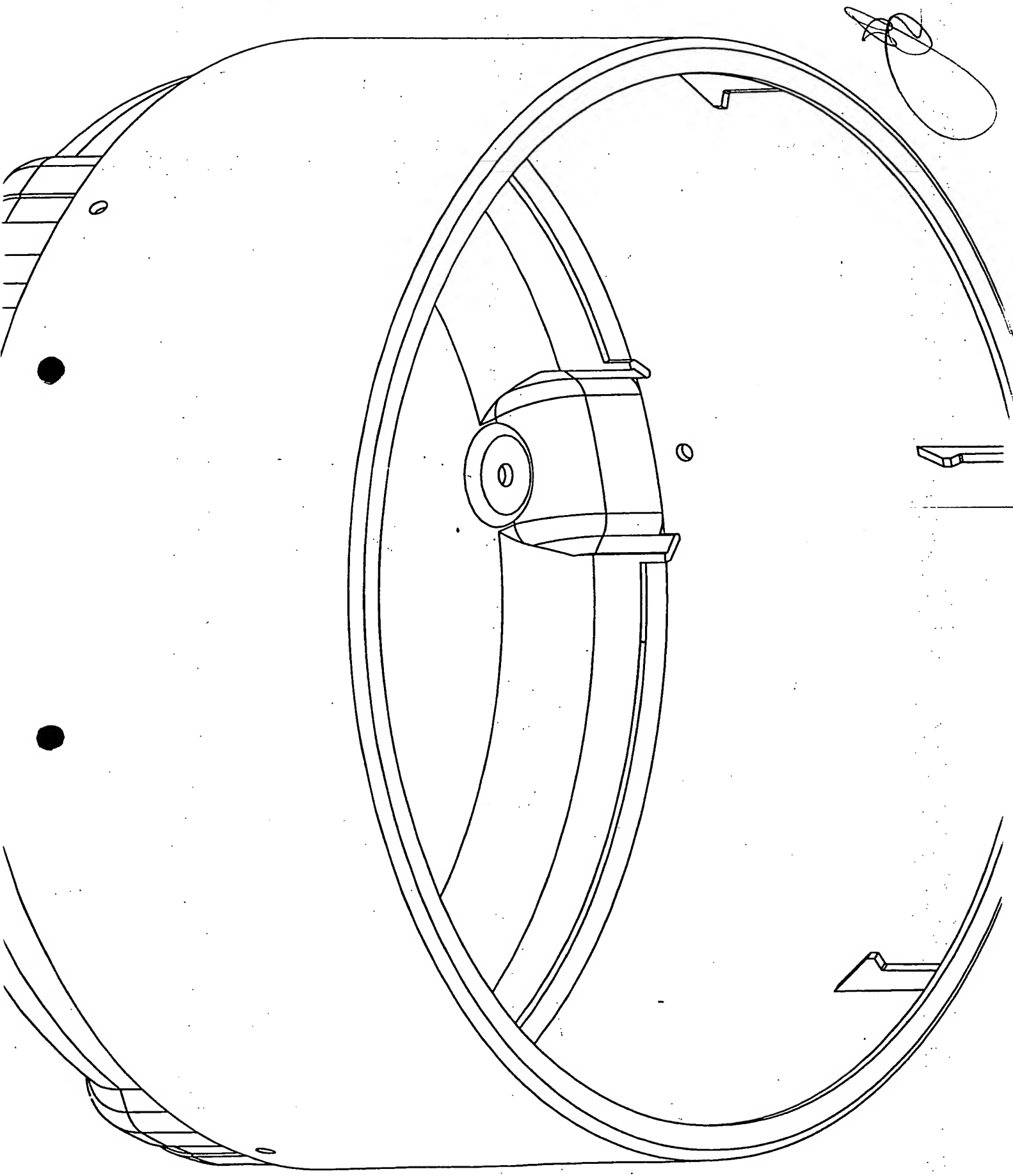


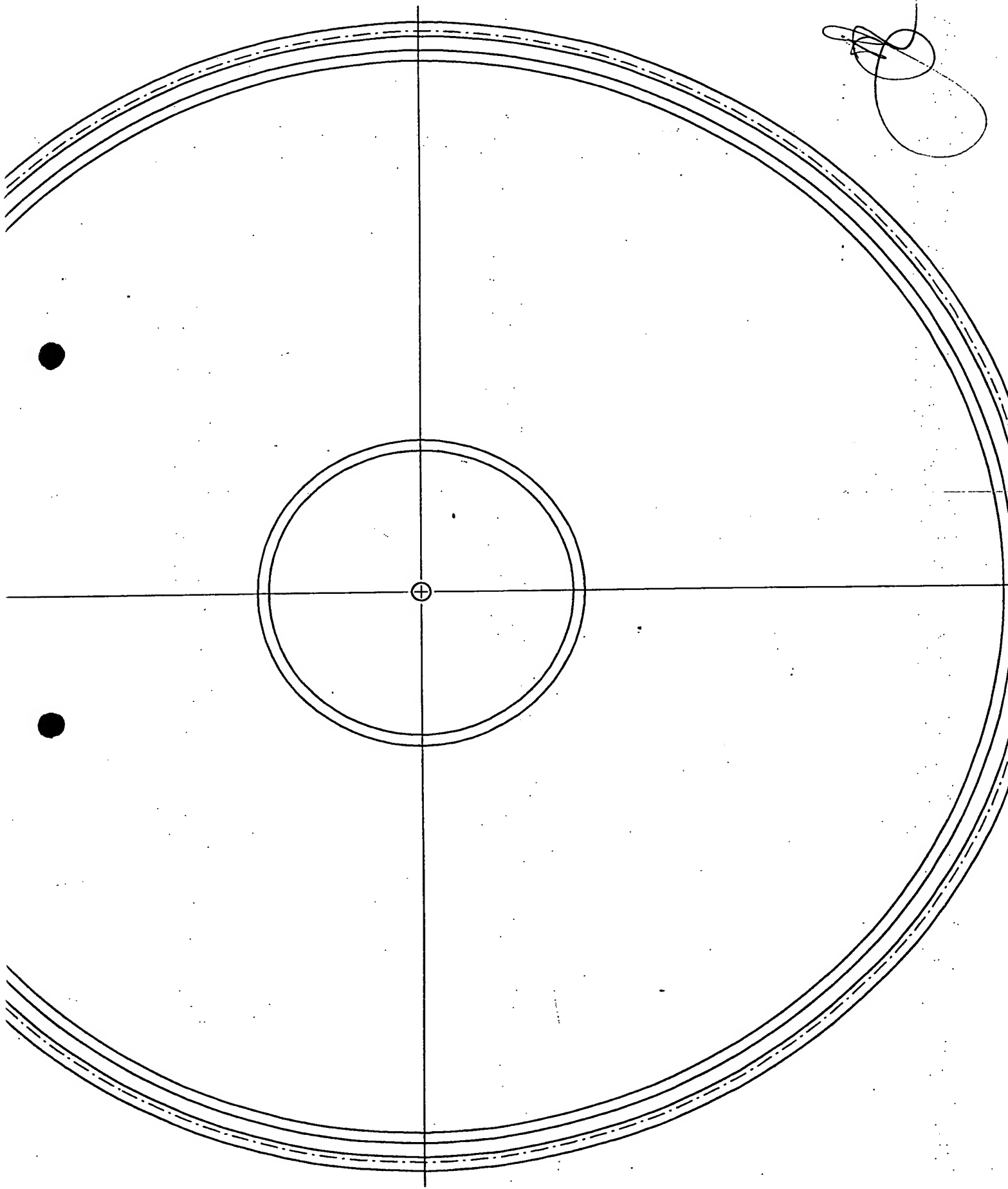
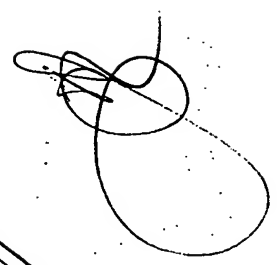
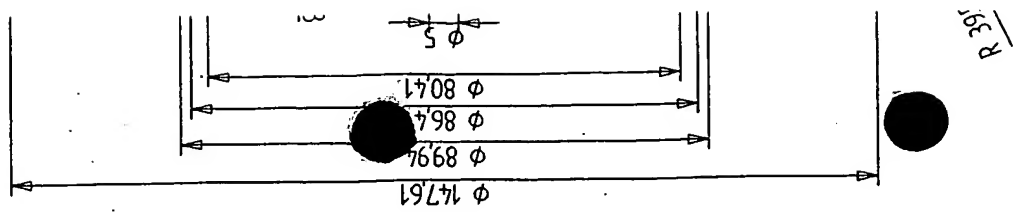


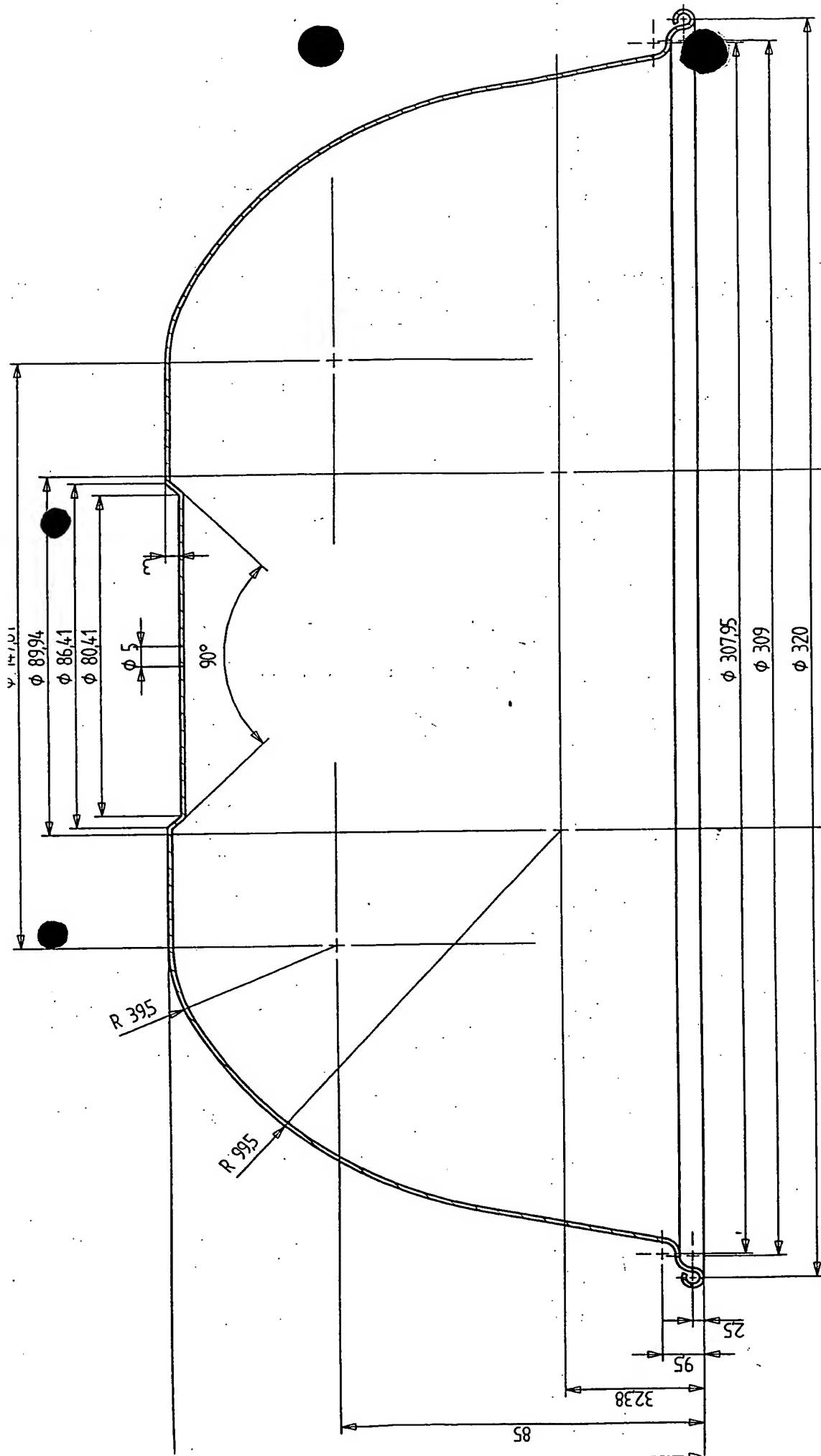




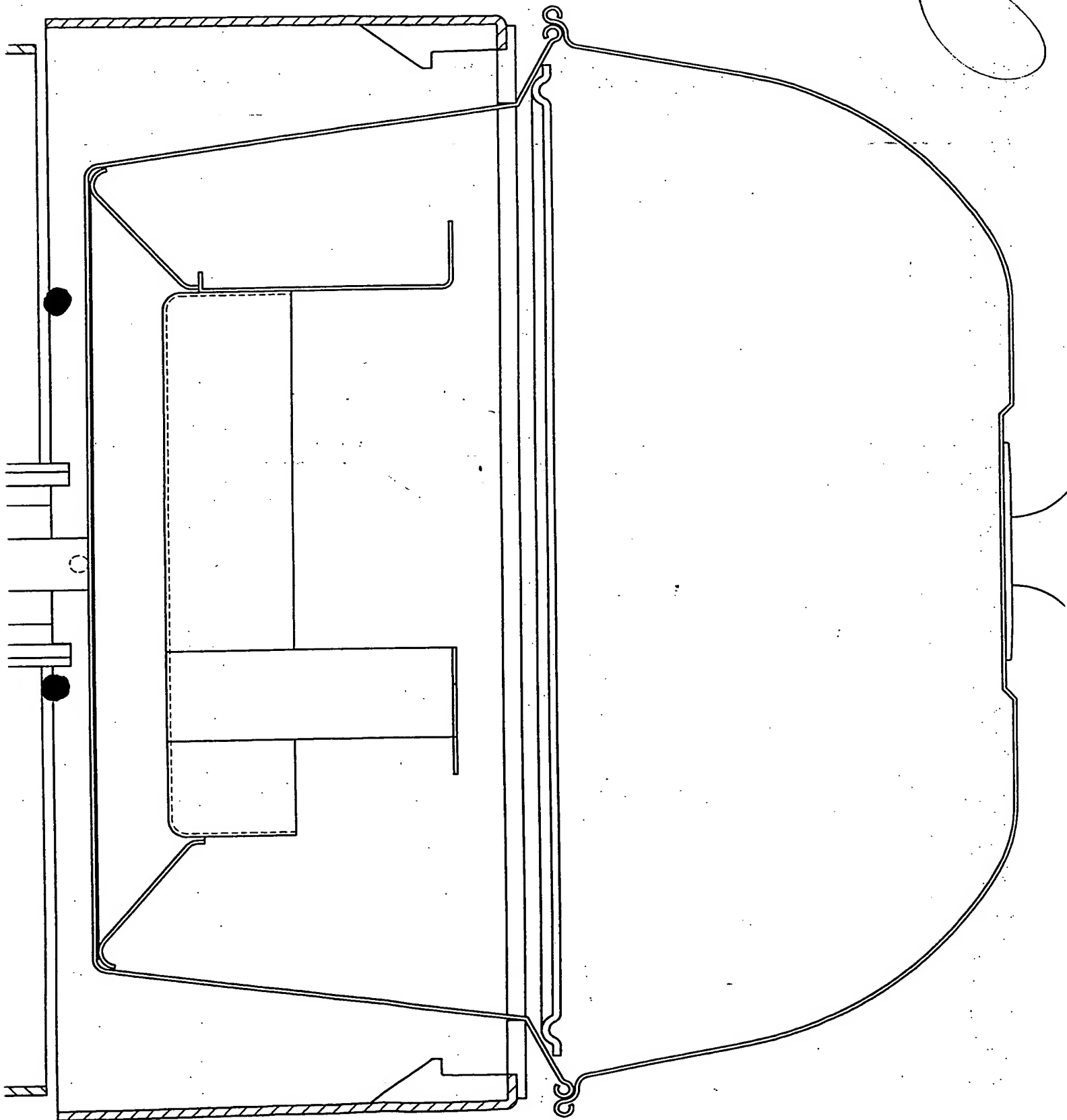
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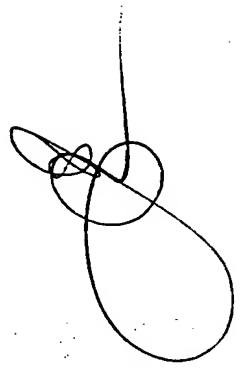
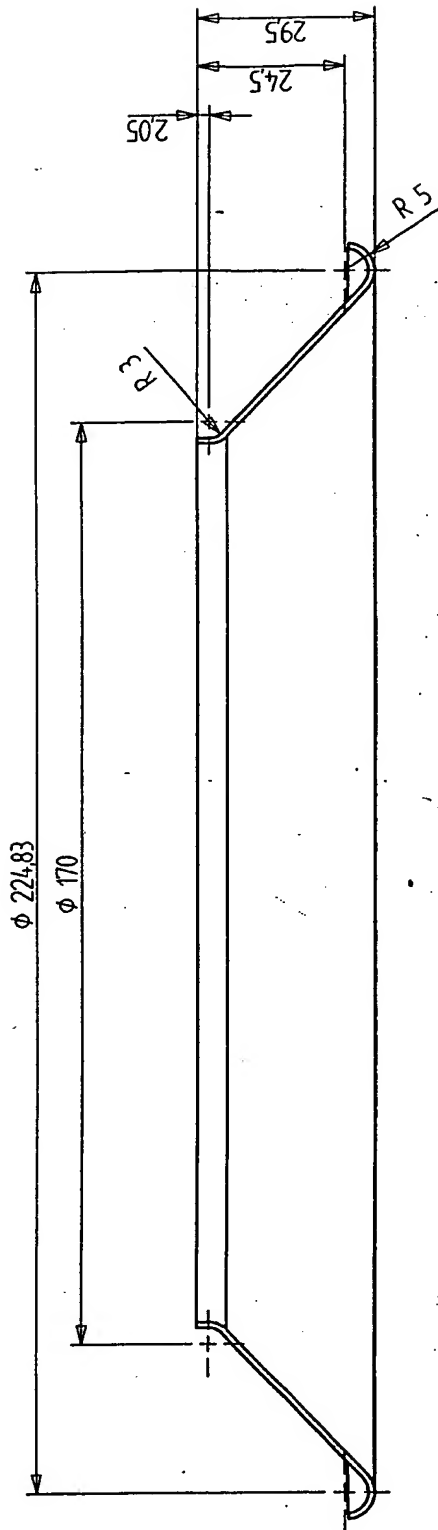


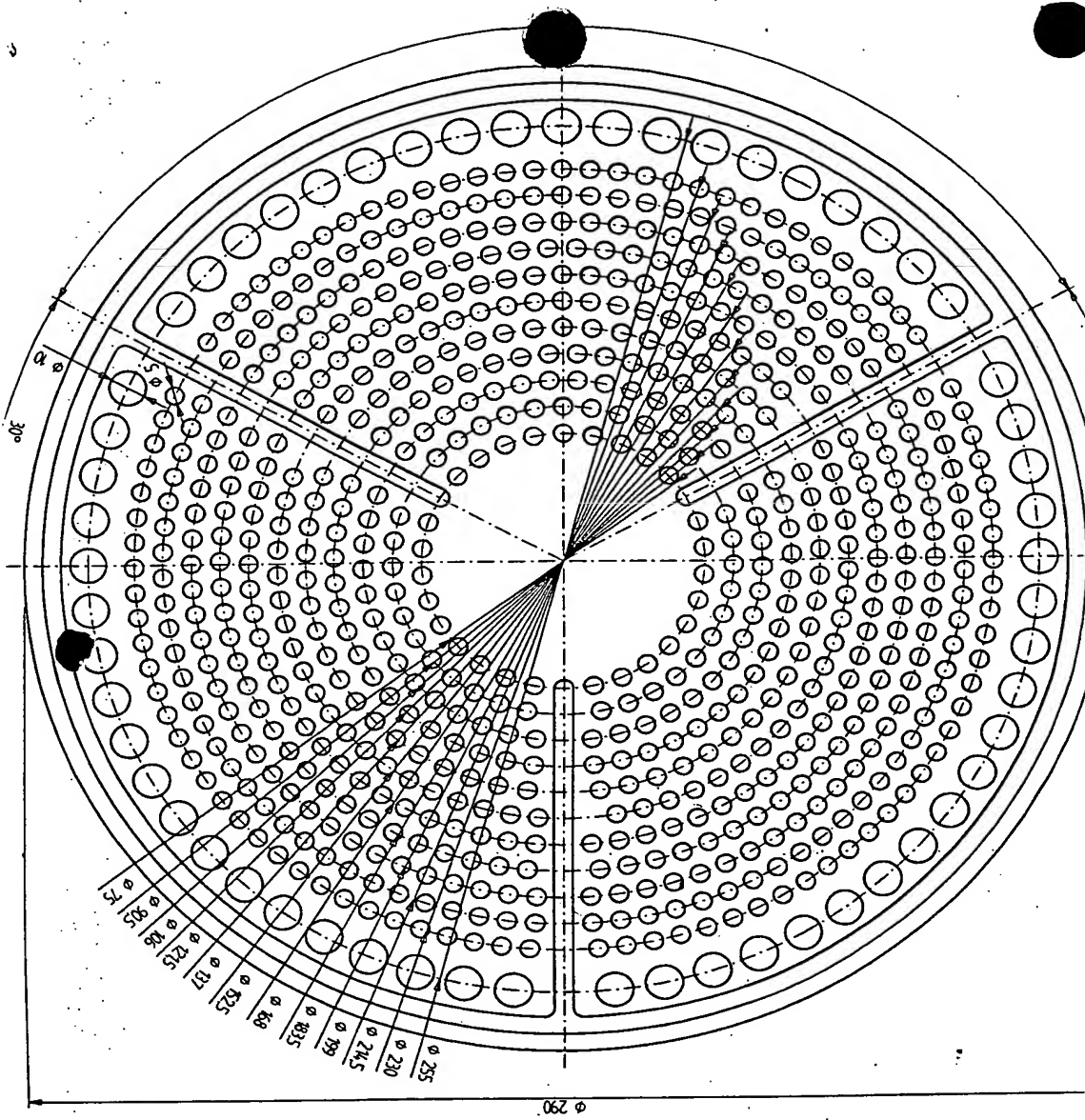












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